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(21) Application number : 2003-073665 (71) Applicant : TEIJIN FIBERS LTD
(22) Date of filing : 18.03.2003 (72) Inventor : NAKAMURA TOMOKI

(54) CROSSLINKED ACRYLIC MOISTURE-ABSORBING FIBER HAVING FAINT COLOR

(57) Abstract:

PROBLEM TO BE SOLVED: To provide a faint colored crosslinked acrylic moisture-absorbing fiber without deteriorating the moisture absorption.

SOLUTION: The crosslinked acrylic moisture-absorbing fiber is produced by the crosslinking treatment and hydrolyzing treatment of an acrylic fiber. The polymer constituting the crosslinked acrylic moisture-absorbing fiber is mainly composed of a vinyl skeleton. The molar ratio of the acrylonitrile skeleton in the vinyl skeleton is $\leq 20\%$ and that of the skeleton of acrylic acid or its salt in the vinyl skeleton is 20-80%.